

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	2.73	09/30/2015 09/30/2015	Jai Lor

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				°
					°
DWR ID	DWR_ST0011_01_s _ 2013_5				
Action/Comments					
Inspector Comments: The Sacramento Maintenance Yard has the levee manuals.					

No Photos

LM Start		Rating **	A	Issue No.	6	
LM End		Issue Type +	Ma	Location *	N/A	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Emergency Supplies & Equipment				°	
					°	
DWR ID	DWR_ST0011_01_s _ 2013_6					
Action/Comments						
Inspector Comments: The Sacramento Maintenance Yard maintains a stockpile of flood response materials.						

No Photos

LM Start		Rating **	A	Issue No.	7	
LM End		Issue Type +	Ma	Location *	N/A	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Flood Preparedness & Training				°	
					°	
DWR ID	DWR_ST0011_01_s _ 2013_7					
Action/Comments						
Inspector Comments: The Sacramento Maintenance Yard maintains a written flood response plan and regular flood response training.						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 West Levee	Right	2.73	09/30/2015 09/30/2015	Jai Lor

LM Start	0.00	Rating **	A	Issue No.	9
LM End	2.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.758939 °	38.724262 °
				-121.667569 °	-121.665240 °
DWR ID	DWR_ST0011_01_f_2015_9				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: LMA has burned the slope.					

Photo 1 of 1 : FA_2015_ST0011_291_9_20151005_00009.jpg



View of the vegetation on the waterward side of the levee looking downstream. Fall 2015.

LM Start	0.00	Rating **	A	Issue No.	3
LM End	2.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.758937 °	38.724262 °
				-121.667567 °	-121.665240 °
DWR ID	DWR_ST0011_01_f_2015_3				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: LMA has burned the slope.					

Photo 1 of 1 : FA_2015_ST0011_291_3_20151005_00008.jpg



View of the vegetation on the landward side of the levee looking downstream. Fall 2015.

LM Start	0.29	Rating **	M	Issue No.	13
LM End	0.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.756590 °	38.756590 °
				-121.664171 °	-121.664171 °
DWR ID	DWR_ST0011_01_f_2015_13				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side WS : Water Side CR : Crown		A : Acceptable M : Minimally Acceptable U : Unacceptable		Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
N/A : Not Applicable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	2.73	09/30/2015 09/30/2015	Jai Lor

LM Start	0.34	Rating **	C	Issue No.	12
LM End	0.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.755942 °	38.754687 °
				-121.664048 °	-121.663913 °
DWR ID	DWR_ST0011_01_s _ 2015_12				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	0.92	Rating **	M	Issue No.	11
LM End	1.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.748138 °	38.738315 °
				-121.660260 °	-121.660297 °
DWR ID	DWR_ST0011_01_s _ 2015_11				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	1.75	Rating **	C	Issue No.	10
LM End	1.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.736105 °	38.735028 °
				-121.660295 °	-121.660288 °
DWR ID	DWR_ST0011_01_s _ 2015_10				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	2.73	09/30/2015 09/30/2015	Jai Lor

LM Start	2.53	Rating **	M	Issue No.	2
LM End	2.69	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.725505 °	38.724385 °
				-121.662041 °	-121.664564 °
DWR ID					
Action/Comments					
Inspector Comments: 2006 - Slow wave wash and general fluvial erosion of the toe area under river cobbles. Erosion is creating a scarp and cobble covered wave-cut bench. 2011 - Site appears better than it looked in 2006, but still eroding. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: YOL_2-6_R]					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 West Levee	Right	1.52	09/30/2015 09/30/2015	Jai Lor

LM Start	0.00	Rating **	A	Issue No.	4
LM End	1.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.719079 °	38.698710 °
				-121.664135 °	-121.674142 °
DWR ID	DWR_ST0011_02_f_2015_4				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Slope has been burned and dragged.					

Photo 1 of 1 : FA_2015_ST0011_292_4_20151005_00003.jpg



View of the vegetation on the landward side of the levee looking upstream. Fall 2015.

LM Start	0.00	Rating **	A	Issue No.	6
LM End	1.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.719079 °	38.698710 °
				-121.664135 °	-121.674142 °
DWR ID	DWR_ST0011_02_f_2015_6				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Slope has been burned and dragged.					

Photo 1 of 1 : FA_2015_ST0011_292_6_20151005_00004.jpg



View of the vegetation on the waterward side of the levee looking upstream. Fall 2015.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 West Levee	Right	1.15	09/30/2015 09/30/2015	Jai Lor

LM Start	0.00	Rating **	A	Issue No.	3
LM End	1.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.698617 °	38.677234 °
				-121.674141 °	-121.672804 °
DWR ID	DWR_ST0011_03_f_2015_3				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Slopes have been burned and dragged.					

Photo 1 of 1 : FA_2015_ST0011_293_3_20151005_00001.jpg



View of the vegetation on the landward side of the levee looking upstream. Fall 2015.

LM Start	0.00	Rating **	A	Issue No.	4
LM End	1.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.698617 °	38.677234 °
				-121.674141 °	-121.672804 °
DWR ID	DWR_ST0011_03_f_2015_4				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Slopes have been burned and dragged.					

Photo 1 of 1 : FA_2015_ST0011_293_4_20151005_00002.jpg



View of the vegetation on the waterward side of the levee looking upstream. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	09/16/2015 09/16/2015	Jai Lor

LM Start	0.00	Rating **	A	Issue No.	1
LM End	3.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.574396 °	38.523647 °
				-121.638741 °	-121.631444 °
DWR ID	DWR_ST0011_04_f_2015_1				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Vegetation on the waterward side of the levee has been maintained.					

Photo 1 of 1 : FA_2015_ST0011_294_1_20150921_00010.jpg



View of the vegetation on the waterward side of the levee looking downstream. Fall 2015.

LM Start	0.00	Rating **	A	Issue No.	9
LM End	3.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.574304 °	38.523647 °
				-121.638753 °	-121.631444 °
DWR ID	DWR_ST0011_04_f_2015_9				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Vegetation on the landward side of the levee has been maintained.					

Photo 1 of 1 : FA_2015_ST0011_294_9_20150921_00015.jpg



View of the vegetation on the landward side of the levee looking downstream. Fall 2015.

LM Start	0.78	Rating **	M	Issue No.	2
LM End	0.78	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Flap Gates			38.563163 °	38.563163 °
				-121.637994 °	-121.637994 °
DWR ID	DWR_ST0011_04_s_2015_2				
Action/Comments					
Inspector Comments: There seems to be obstructions that prevents the gate from fully closing. Remove debris from flap gate.					

Photo 1 of 2 : FA_2015_ST0011_294_2_20150914_00001.jpg



View of a perspective on the pipe looking upstream. Spring 2015.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	09/16/2015 09/16/2015	Jai Lor

LM Start	0.78	Rating **	M	Issue No.	2 (cont)
LM End	0.78	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Flap Gates			38.563163 °	38.563163 °
				-121.637994 °	-121.637994 °
DWR ID	DWR_ST0011_04_s _ 2015_2				

Action/Comments

Inspector Comments: There seems to be obstructions that prevents the gate from fully closing. Remove debris from flap gate.

Photo 2 of 2 : FA_2015_ST0011_294_2_20150914_00002.jpg



View of the flap gate in the ditch on the water side of the levee. There seems to be debris preventing the flap gate from closing. Spring 2015.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement